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10/539098  
PATENT



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s) Skop et al. Examiner: Unassigned  
Serial No.: 10/539,098 Group Art Unit: Unassigned  
Confirmation No: Unassigned Docket: 1114-5 PCT/US  
Filed: June 15, 2005 Dated: September 13, 2005  
For: PURIFIED AMYLASE  
INHIBITOR AND NOVEL  
PROCESS FOR  
OBTAINING THE SAME

Commissioner for Patents  
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September 13, 2005

Signed: 

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In order to fulfill the requirements of candor and good faith set forth in 37 C.F.R.

§1.56, Applicants submit herewith the following Information Disclosure Statement in  
accordance with the provisions of 37 C.F.R. §1.97 and §1.98.

**UNITED STATES PATENTS**

<b><u>PATENTEE</u></b>	<b><u>PATENT NO.</u></b>	<b><u>ISSUE DATE</u></b>
Schmidt et al.	3,950,319	April 13, 1976
Zawistowska	4,910,297	March 20, 1990
Miyazaki et al.	5,726,291	March 10, 1998
Ramazanov et al.	6,117,431	September 12, 2000

**PATENTEE****PATENT NO.****ISSUE DATE**

Horhota et al.

6,294,194 B1

September 25, 2001

Cestaro et al.

6,340,669 B1

January 22, 2002

**NON-PATENT PUBLICATIONS**


1. Layer et al., "Partially Purified White Bean Amylase Inhibitor Reduces Starch Digestion in Vitro and Inactivates Intraduodenal Amylase in Humans", Gastroenterology, 88:19895-902(1985).
2. David S. Bell, "Importance of Postprandial Glucose Control", Southern Medical Journal, Vol. 94, No. 8, pp. 804-809 (2001).
3. "Dr. Bernstein's Diabetes Solution, A Complete Guide to Achieving Normal Blood Sugars", [www.diabetes-normalsugars.com/readit/appendixa.shtml](http://www.diabetes-normalsugars.com/readit/appendixa.shtml) (2002).
4. Altruis Biomedical Network, [www.lipoproteins.net](http://www.lipoproteins.net) (2002).
5. "Supercritical Herbal Extraction", [www.new-chapter.com/supercritical\\_extraction.html](http://www.new-chapter.com/supercritical_extraction.html) (2002).
6. "Supercritical Fluid Extraction Using Carbon Dioxide", Pioneer Enterprise, [www.pioneerherbs.com/super\\_critical.htm](http://www.pioneerherbs.com/super_critical.htm) (2002)
7. "Supercritical Fluid Extraction" Primal Essence, [www.primaessence.com/scfe.htm](http://www.primaessence.com/scfe.htm) (2002).
8. "Introduction to Co2 Supercritical Fluids Extraction" [www.bilong.com/English/chaolinjie.htm](http://www.bilong.com/English/chaolinjie.htm) (2002).
9. "Lowering Triglycerides", Nutriquest, [www.nutrition.cornell.edu/nutriquest/triglyc.html](http://www.nutrition.cornell.edu/nutriquest/triglyc.html) (1999).
10. "Supercritical Extraction of Binders for Metal Injection Moulded Components", Goceram, [www.goceram.com/abstra01.htm](http://www.goceram.com/abstra01.htm) (2002).

11. Shekib et al., "Studies on Amylase Inhibitors in some Egyptian Legume Seeds", Plant Foods Hum Nutr, 38(4) (Abstract) (1988).
12. Marshall et al., "Purification and Properties of Phaseolamin, an Inhibitor of Alpha-Amylase, from the Kidney Bean, Phaseolus Vulgaris", J. Biol Chem, 250(20) (Abstract) (1975).
13. Mulimani et al., "Effect of Heat Treatment and Germination on Alpha amylase Inhibitor Activity in Chick Peas (Cicer ArietinumL.), Plant Foods Hum Nutr, 46 (2) (Abstract) (1994).

The above-referenced documents are listed on Form PTO 1449. We have enclosed the non-patent publications to facilitate reference to them.

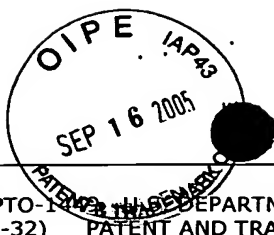
Applicants are not aware of any other references to be identified at this time. If the Examiner has any questions or comments relating to the present application, he or she is respectfully invited to contact Applicants' attorney at the telephone number set forth below.

Respectfully submitted,

  
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FORM PTO-1043  
(Rev. 2-32)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
1114-5 PCT/USSERIAL NO.  
10/539,098INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTAPPLICANT  
Skop et al.CONFIRMATION NO.  
Unassigned

(Use several sheets if necessary)

FILING DATE  
June 15, 2005GROUP  
Unassigned

## U.S. PATENT PUBLICATIONS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
		3,950,319	04/13/1976	Schmidt et al.			
		4,910,297	03/20/1990	Zawistowska			
		5,726,291	03/10/1998	Miyazaki et al.			
		6,117,431	09/12/2000	Ramazanov et al.			
		6,294,194 B1	09/25/2001	Horhota et al.			
		6,340,669 B1	01/22/2002	Cestaro et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

			Layer et al., "Partially Purified White Bean Amylase Inhibitor Reduces Starch Digestion in Vitro and Inactivates Intraduodenal Amylase in Humans", <u>Gastroenterology</u> , 88:19895-902(1985).				
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 1114-5 PCT/US	SERIAL NO. 10/539.098
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(Use several sheets if necessary)	FILING DATE June 15, 2005	GROUP Unassigned

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

			David S. Bell, "Importance of Postprandial Glucose Control", <u>Southern Medical Journal</u> , Vol. 94, No. 8, pp. 804-809 (2001).
			"Dr. Bernstein's Diabetes Solution, A Complete Guide to Achieving Normal Blood Sugars", <a href="http://www.disbetes-normalsugars.com/readit/appendixa.shtml">www.disbetes-normalsugars.com/readit/appendixa.shtml</a> (2002).
			Altruis Biomedical Network, <a href="http://www.lipoproteins.net">www.lipoproteins.net</a> (2002).
			"Supercritical Herbal Extraction", <a href="http://www.new-chapter.com/supercritical_extraction.html">www.new-chapter.com/supercritical_extraction.html</a> (2002).
			"Supercritical Fluid Extraction Using Carbon Dioxide", Pioneer Enterprise, <a href="http://www.pioneerherbs.com/super_critical.htm">www.pioneerherbs.com/super_critical.htm</a> (2002).
			"Supercritical Fluid Extraction" Primal Essence, <a href="http://www.primalessence.com/scfe.htm">www.primalessence.com/scfe.htm</a> (2002).
			"Introduction to Co2 Supercritical Fluids Extraction" <a href="http://www.bilong.com/English/chaolinjie.htm">www.bilong.com/English/chaolinjie.htm</a> (2002).
			"Lowering Triglycerides", Nutriquest, <a href="http://www.nutrition.cornell.edu/nutriquest/triglyc.html">www.nutrition.cornell.edu/nutriquest/triglyc.html</a> (1999).
			"Supercritical Extraction of Binders for Metal Injection Moulded Components", Goceram, <a href="http://www.goceram.com/abstra01.htm">www.goceram.com/abstra01.htm</a> (2002).

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